

FIG. 1

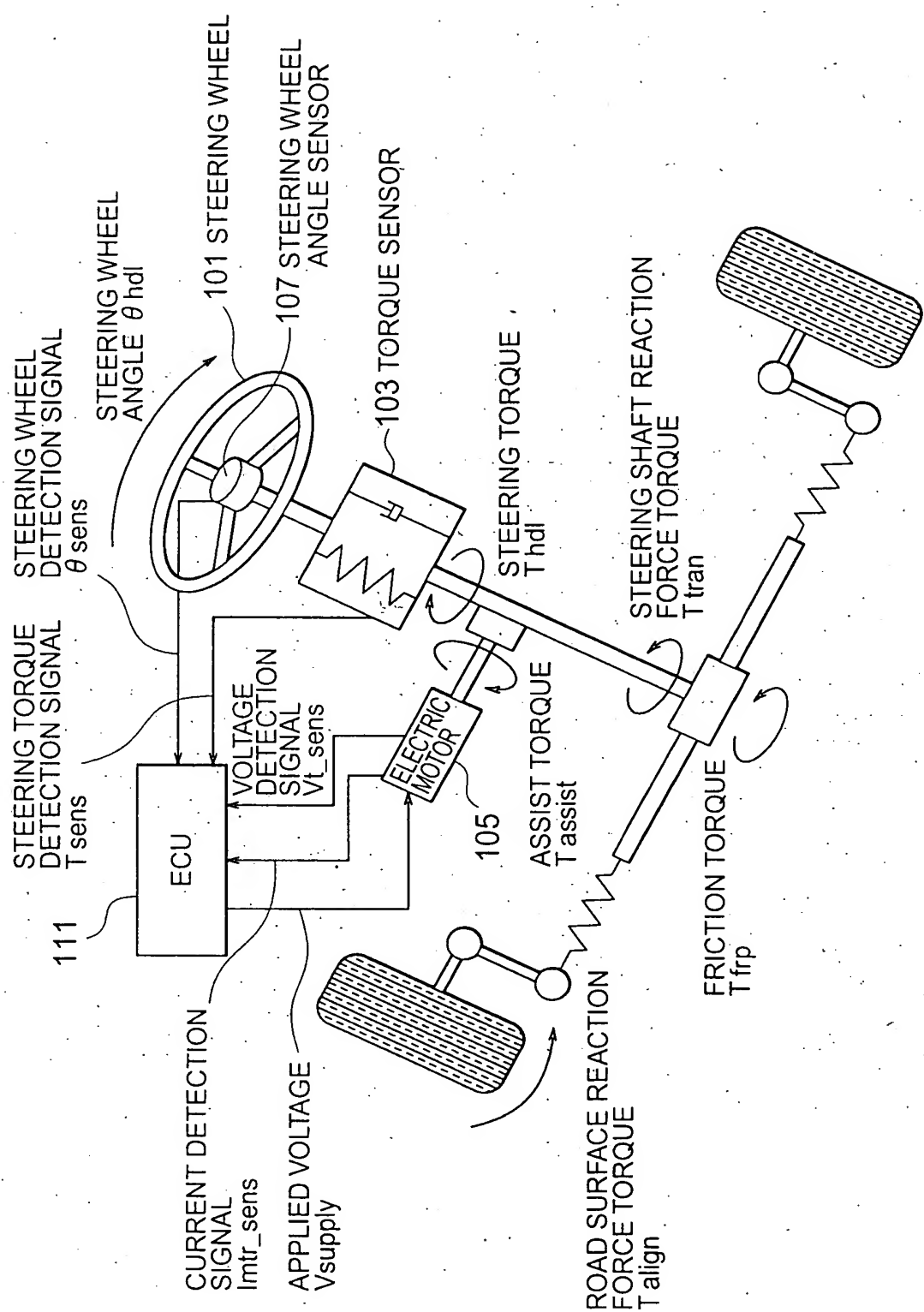


FIG. 2

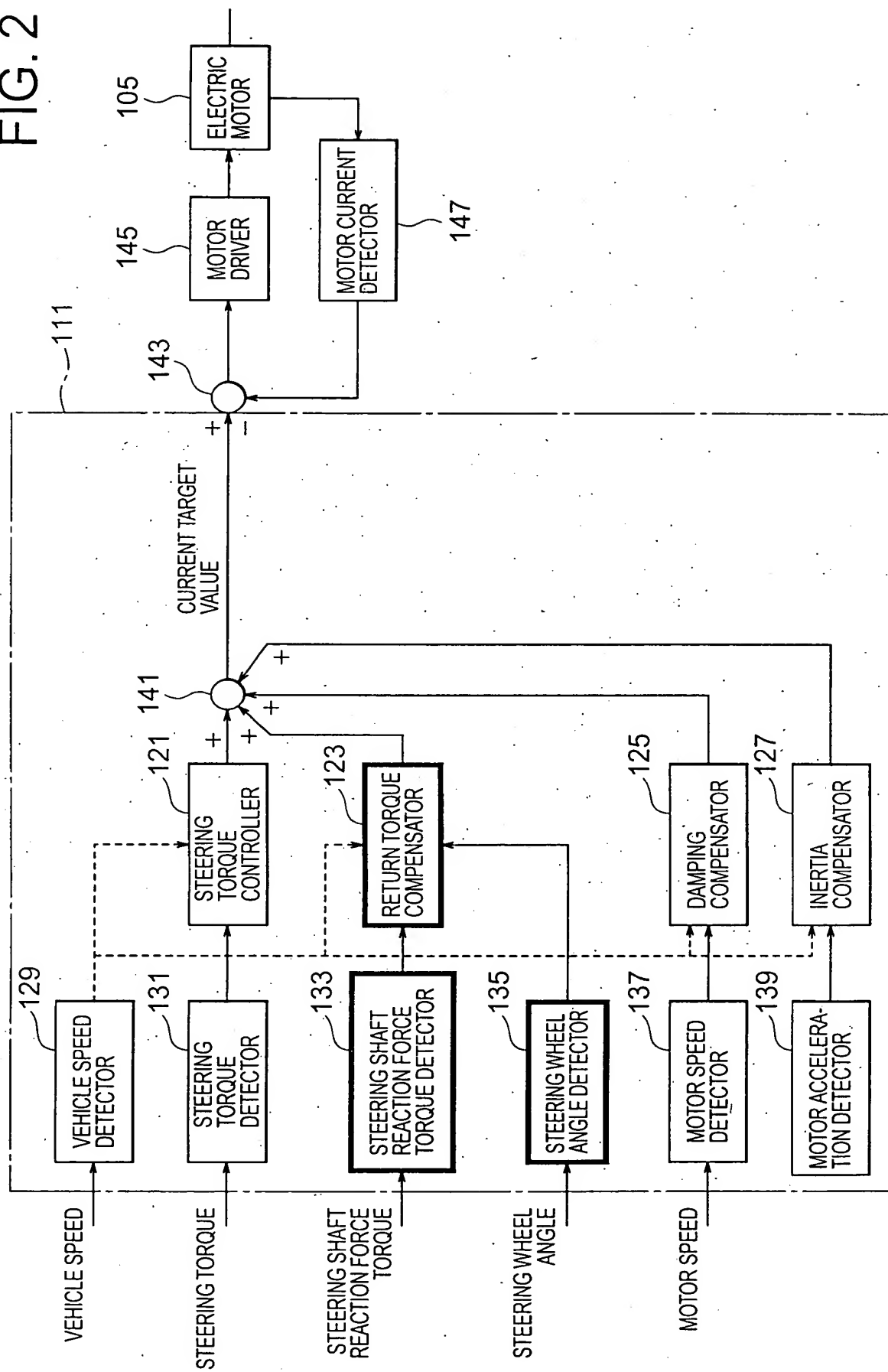


FIG. 3

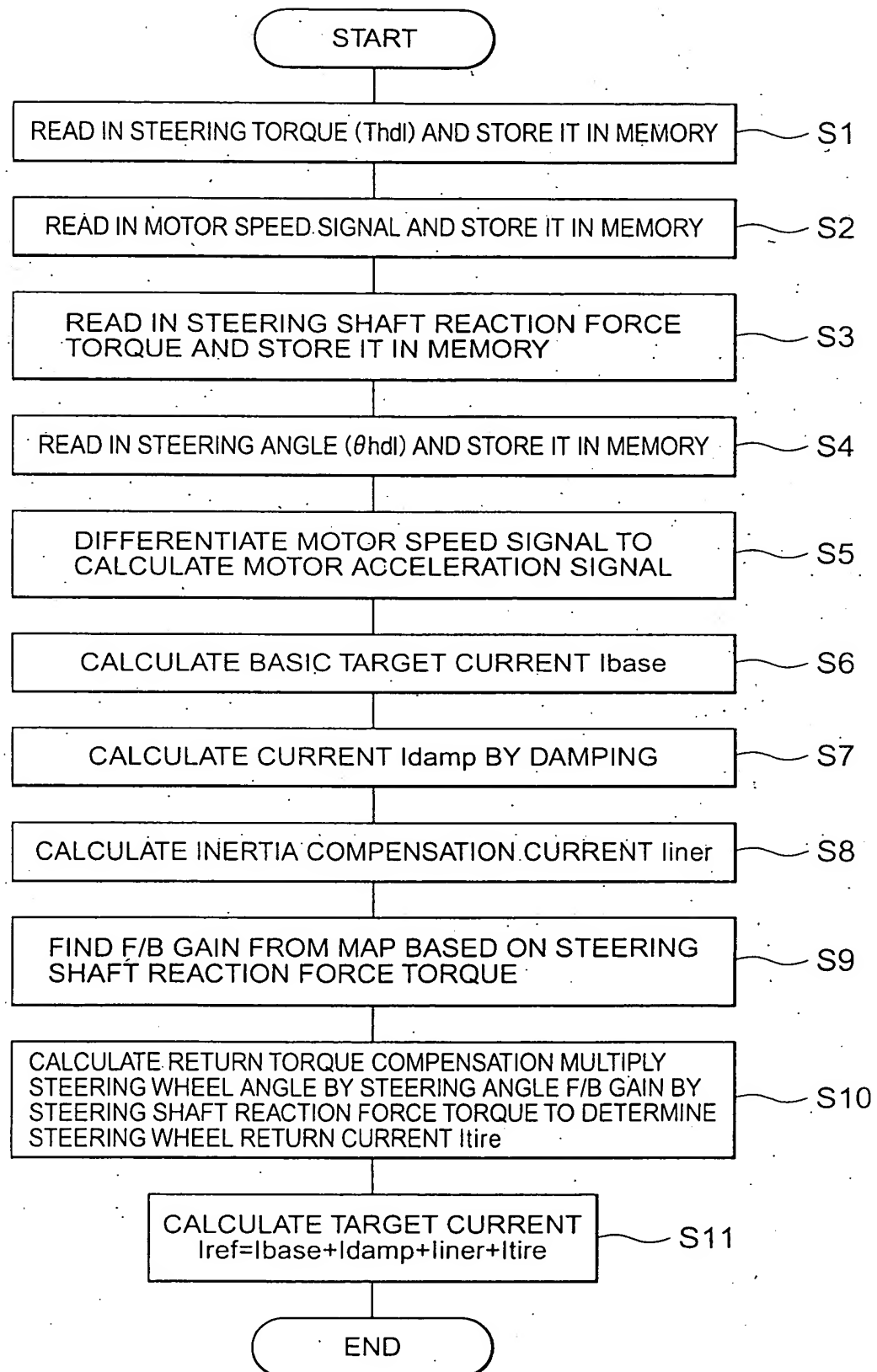


FIG. 4

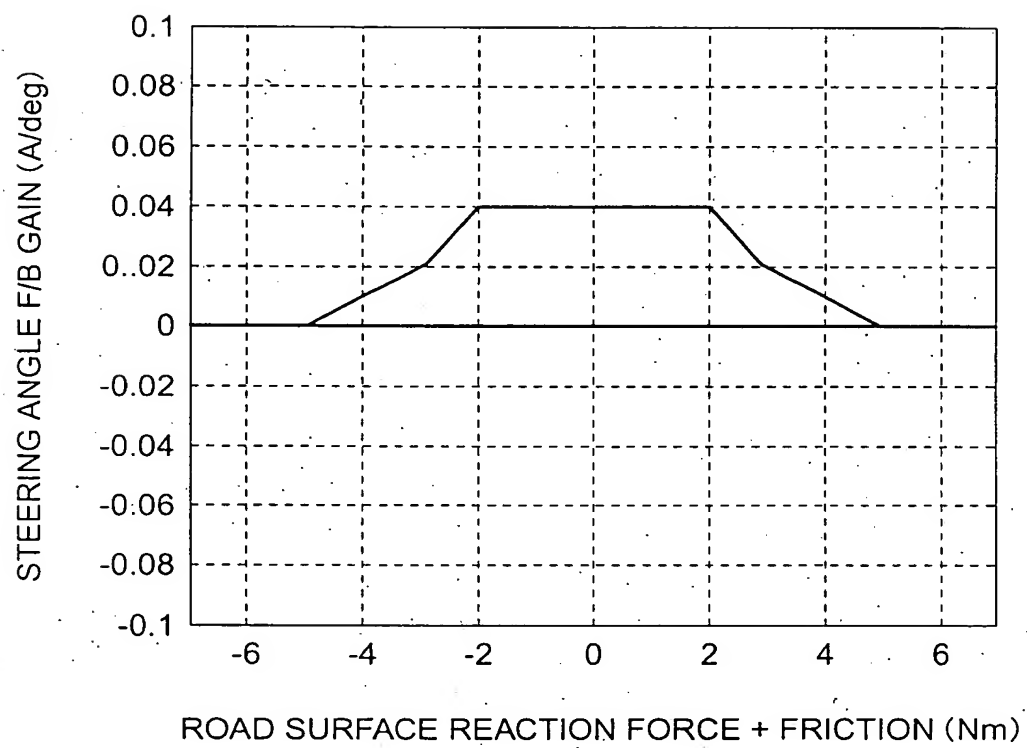


FIG. 5A

CORRECTED STEERING WHEEL  
ANGLE F/B COMPENSATION

(PRESENT INVENTION)

— RELATIONSHIP BETWEEN STEERING WHEEL ANGLE —  
AND STEERING SHAFT REACTION FORCE TORQUE

STEERING SHAFT  
REACTION FORCE  
TORQUE

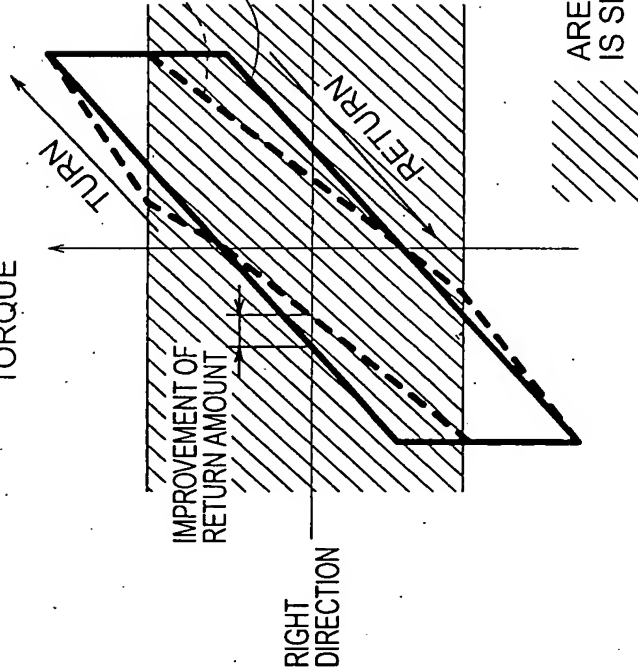


FIG. 5B

SIMPLE STEERING WHEEL  
ANGLE F/B COMPENSATION

(CONVENTIONAL METHOD)

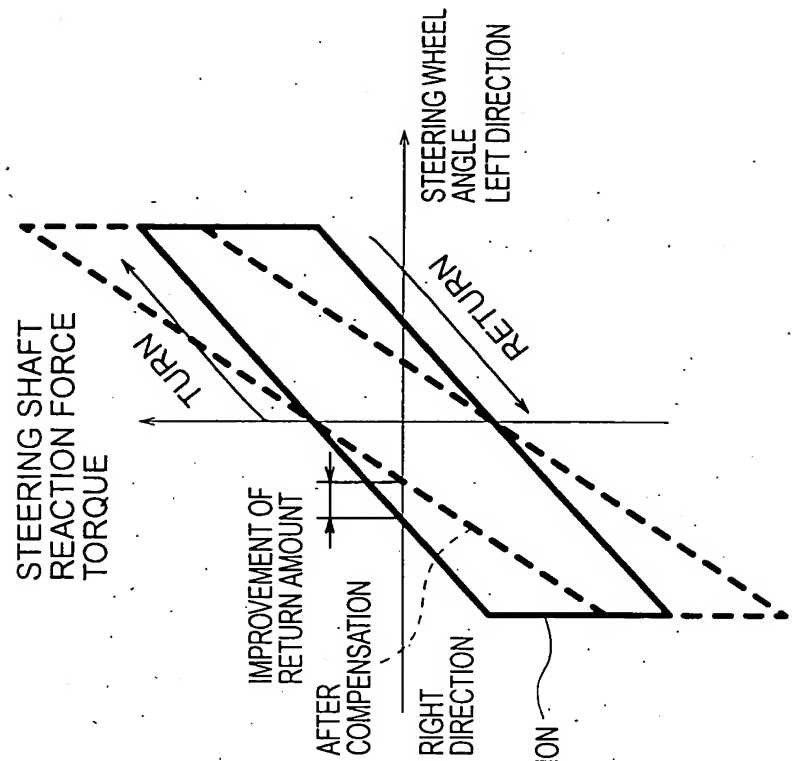


FIG. 6A

CORRECTED STEERING WHEEL  
ANGLE F/B COMPENSATION

(PRESENT INVENTION)

\_\_\_\_ RELATIONSHIP BETWEEN STEERING WHEEL ANGLE AND STEERING  
SHAFT REACTION FORCE TORQUE (SLIPPERY ROAD SURFACE)

STEERING SHAFT  
REACTION FORCE  
TORQUE

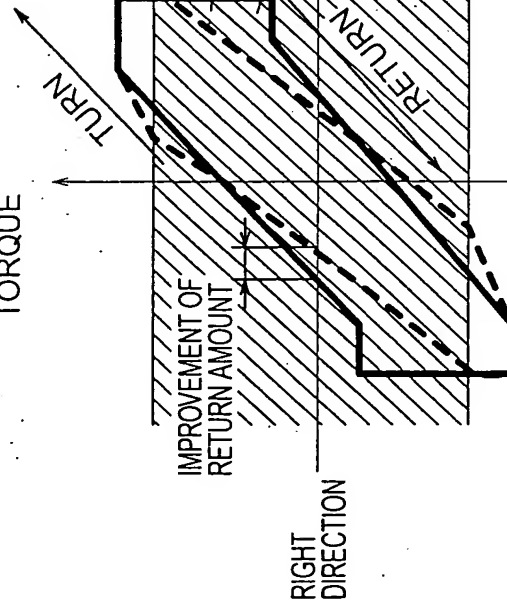


FIG. 6B

SIMPLE STEERING WHEEL  
ANGLE F/B COMPENSATION

(CONVENTIONAL METHOD)

STEERING SHAFT  
REACTION FORCE  
TORQUE

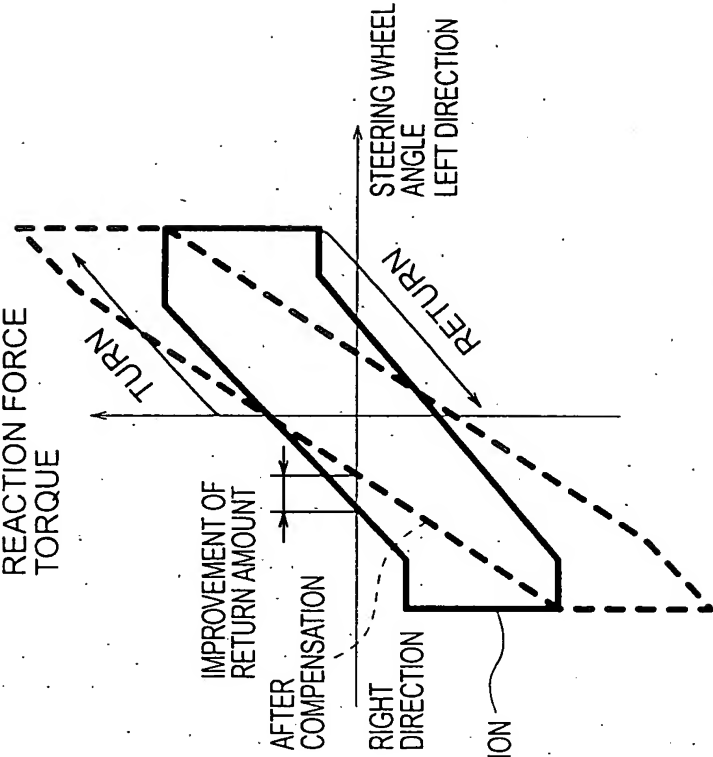


FIG. 7

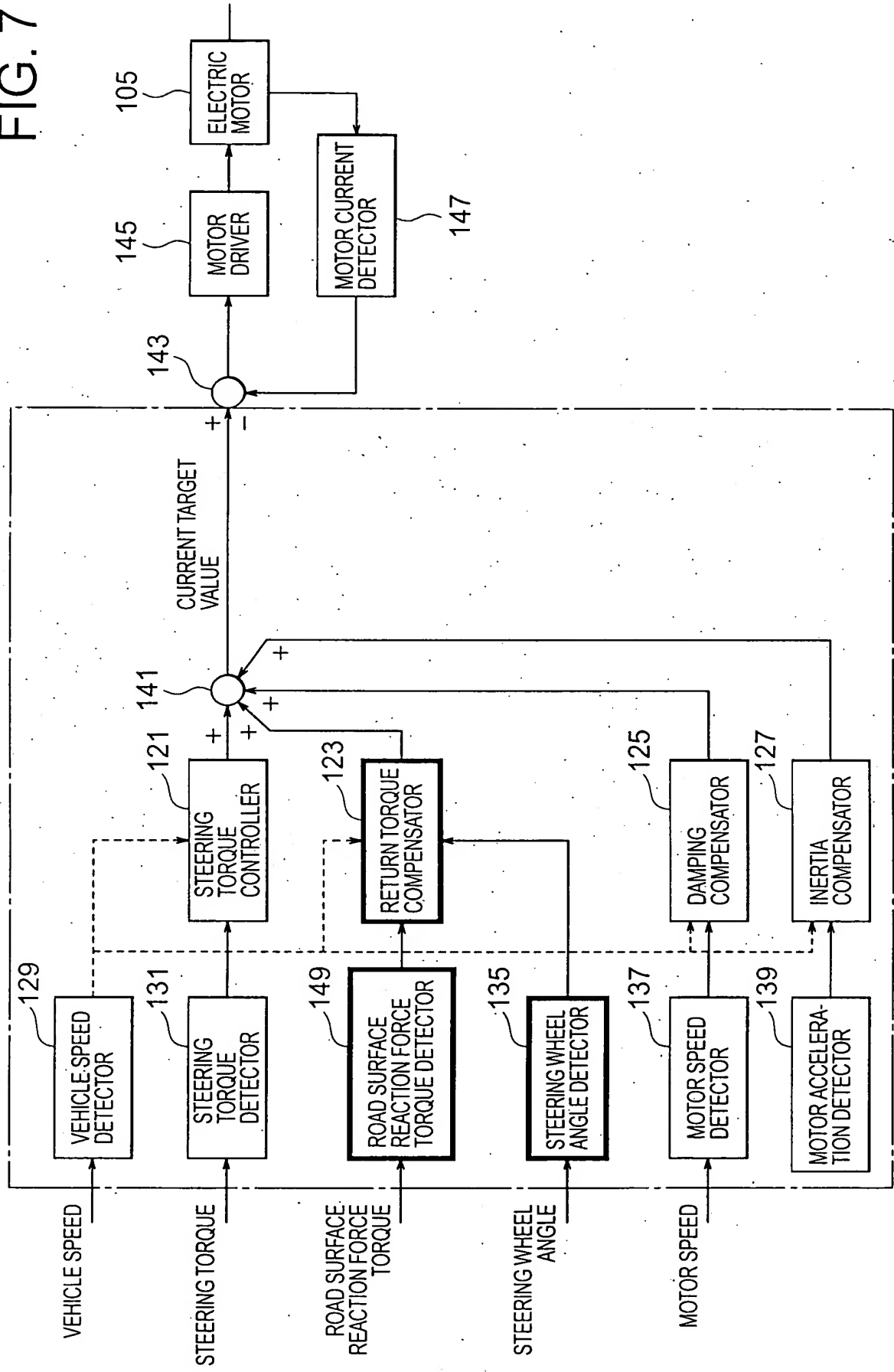


FIG. 8

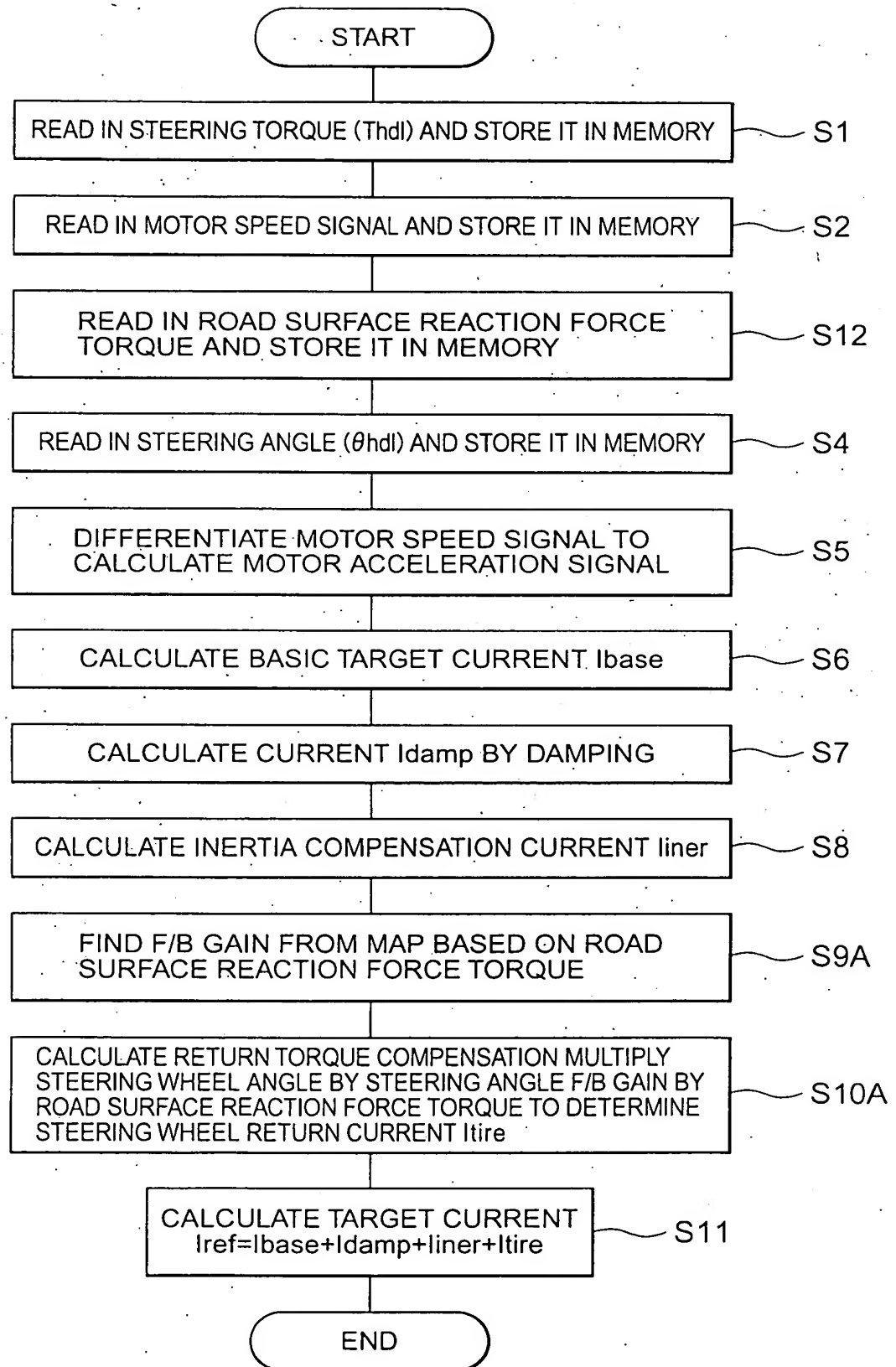




FIG. 9

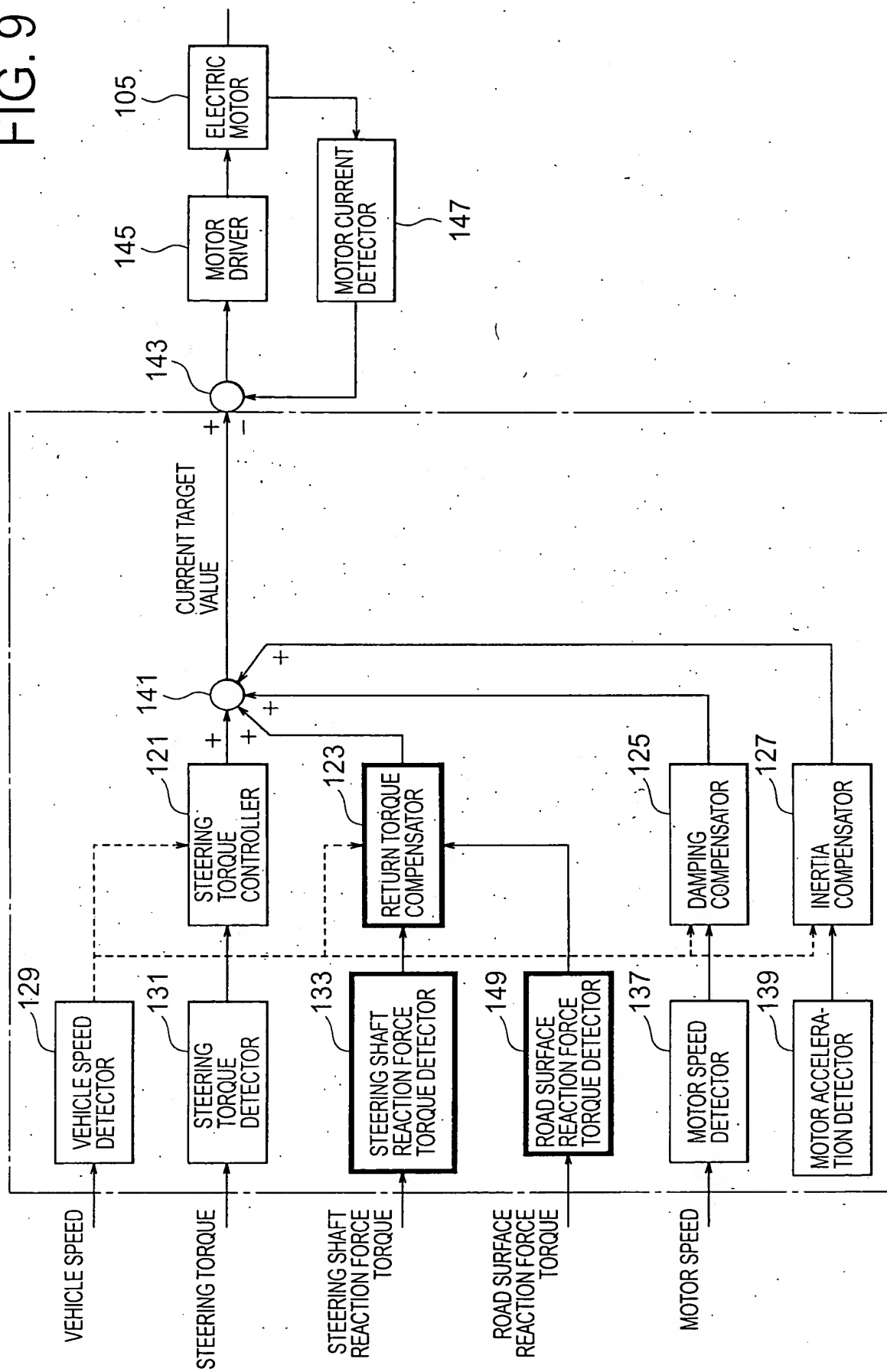


FIG. 10

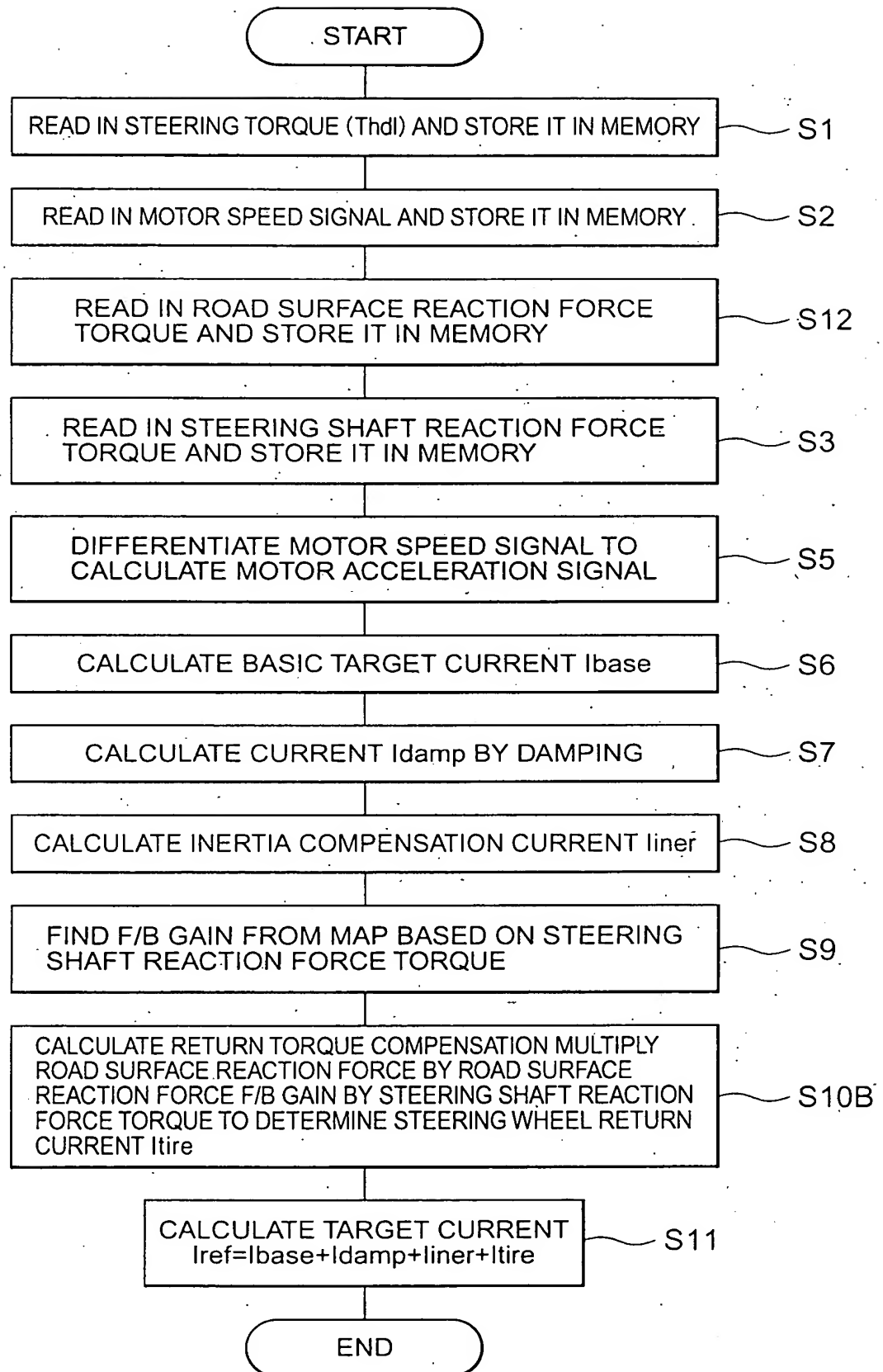


FIG. 11

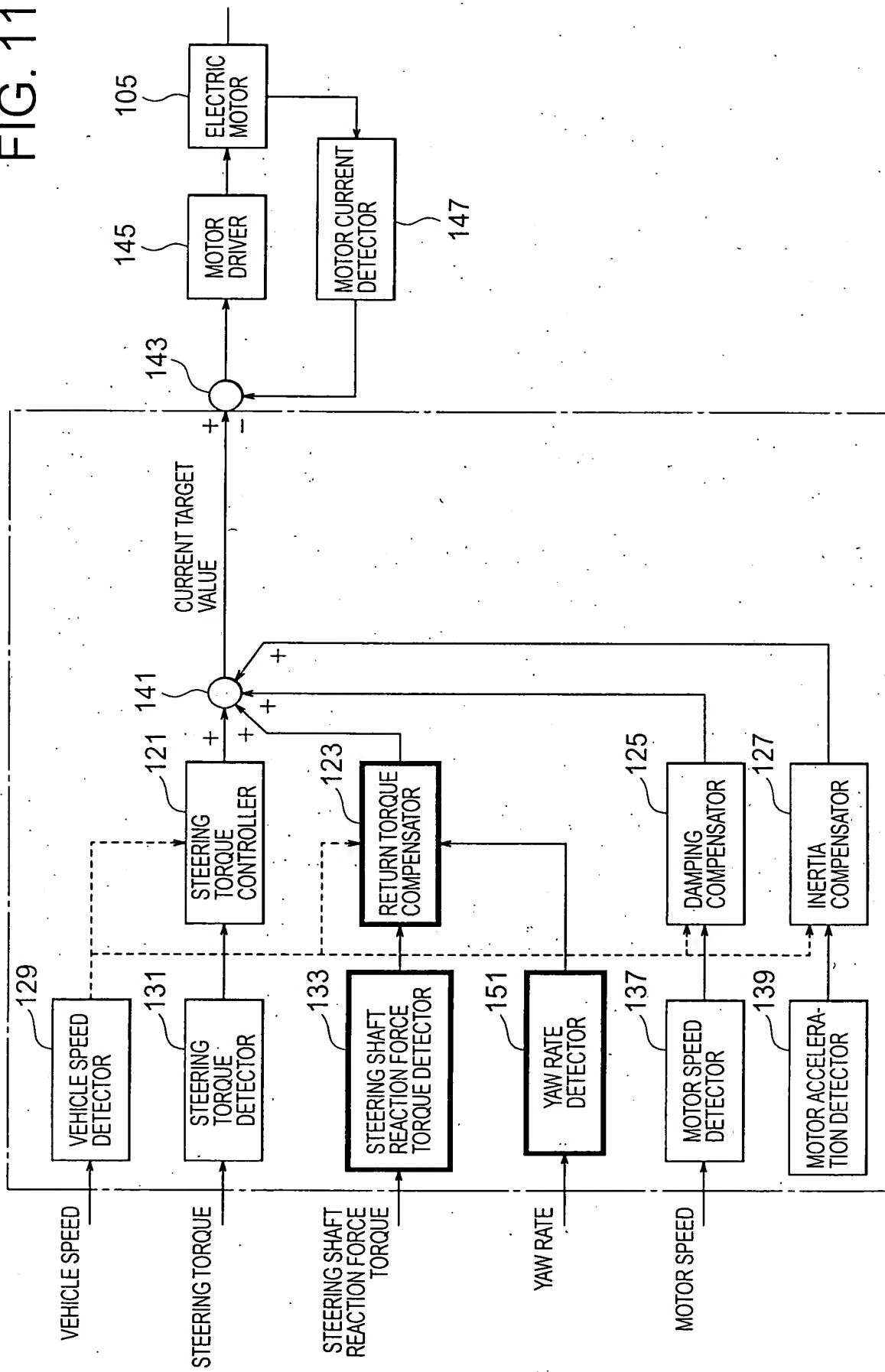


FIG. 12

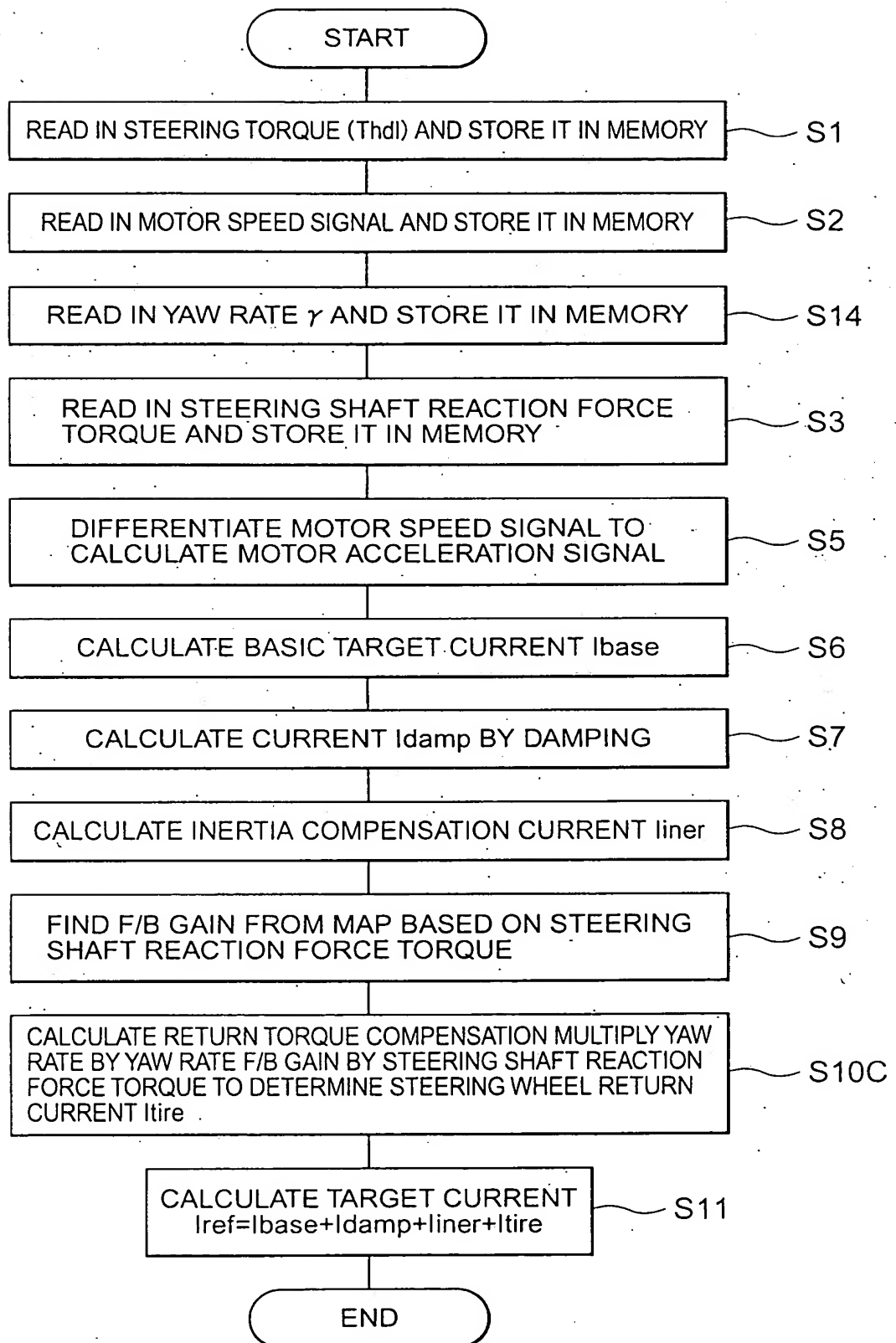


FIG. 13

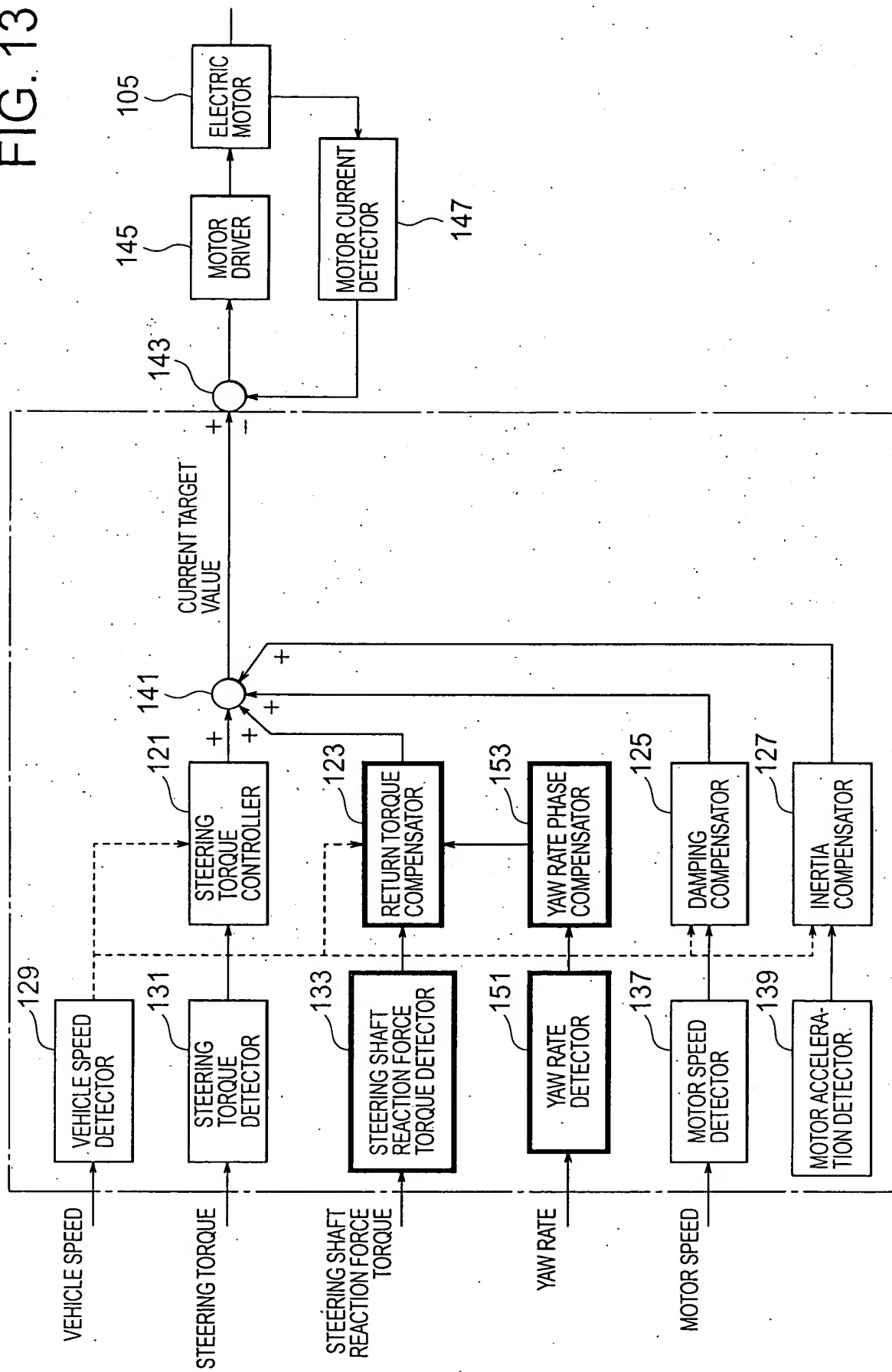


FIG. 14

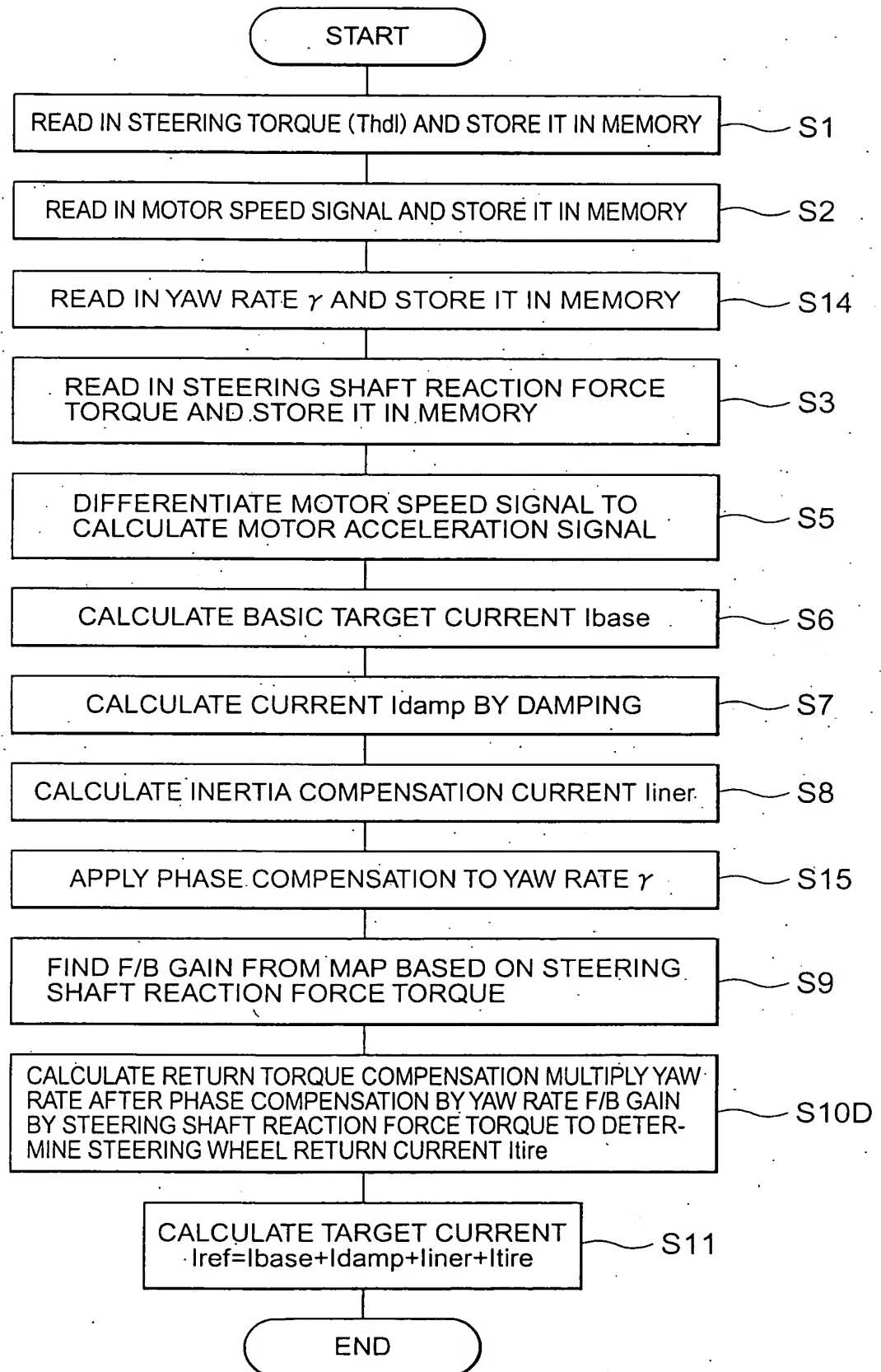


FIG. 15

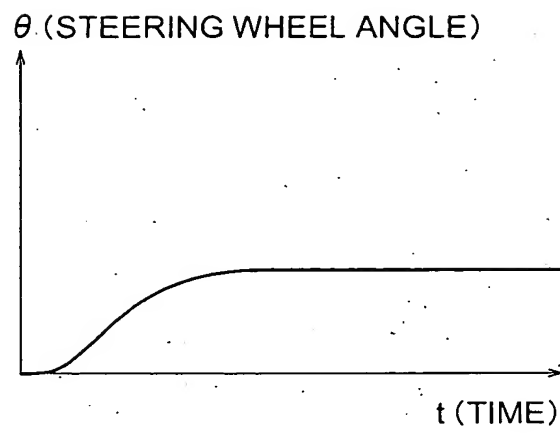


FIG. 16

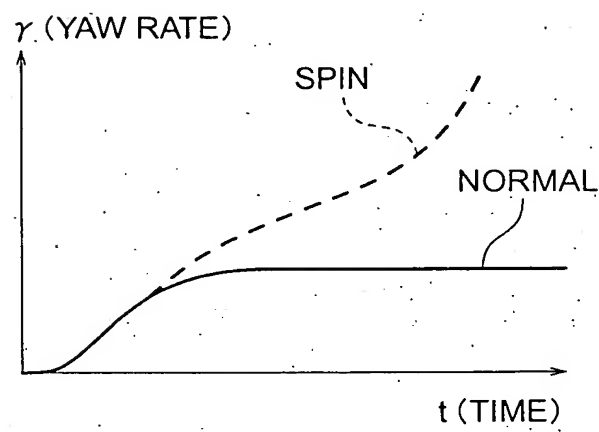


FIG. 17

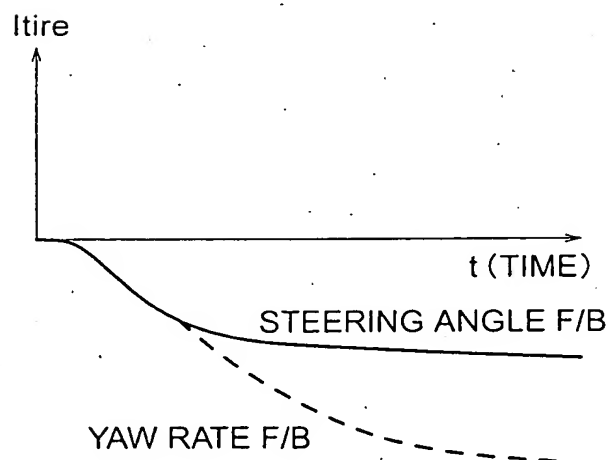


FIG. 18

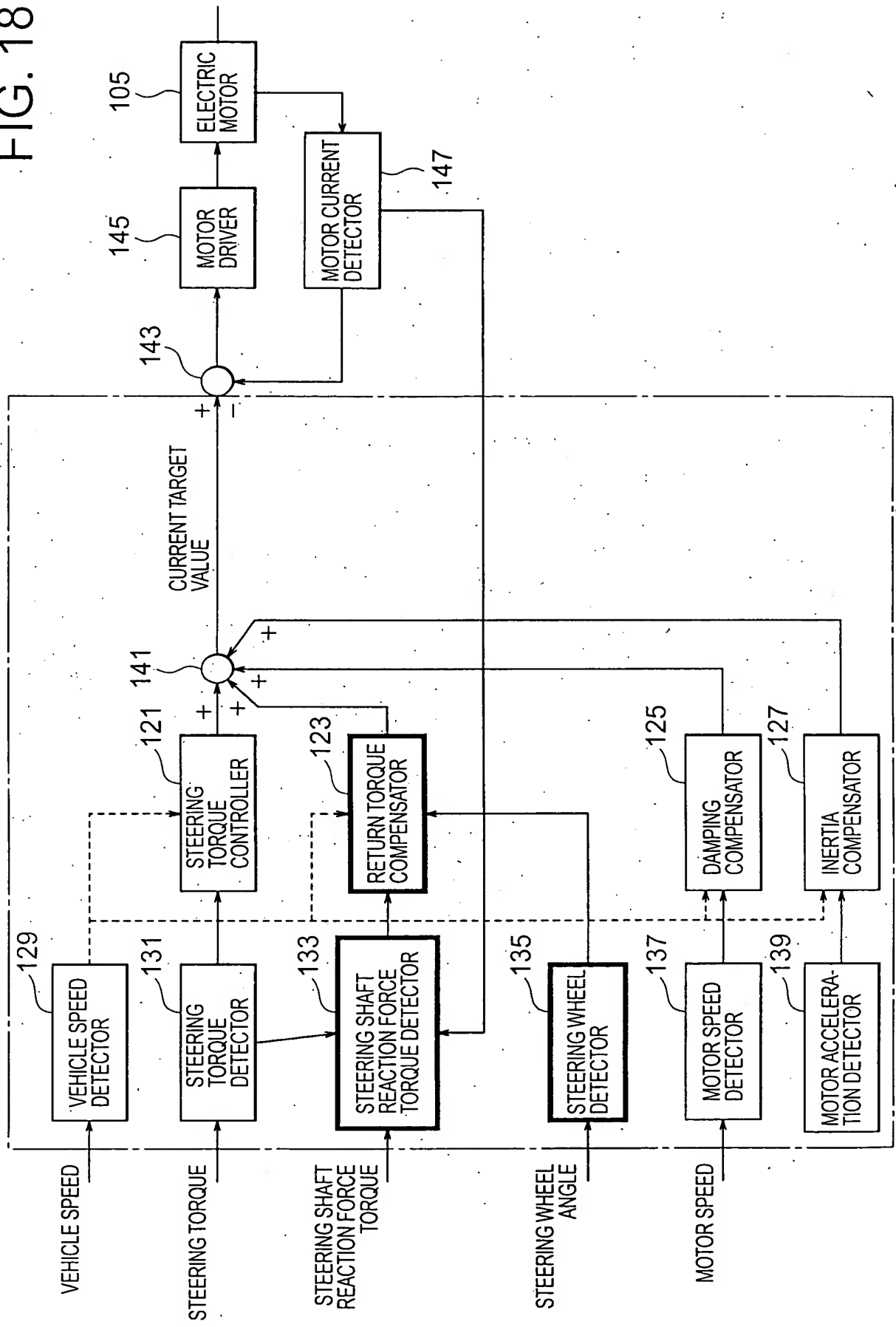




FIG. 19

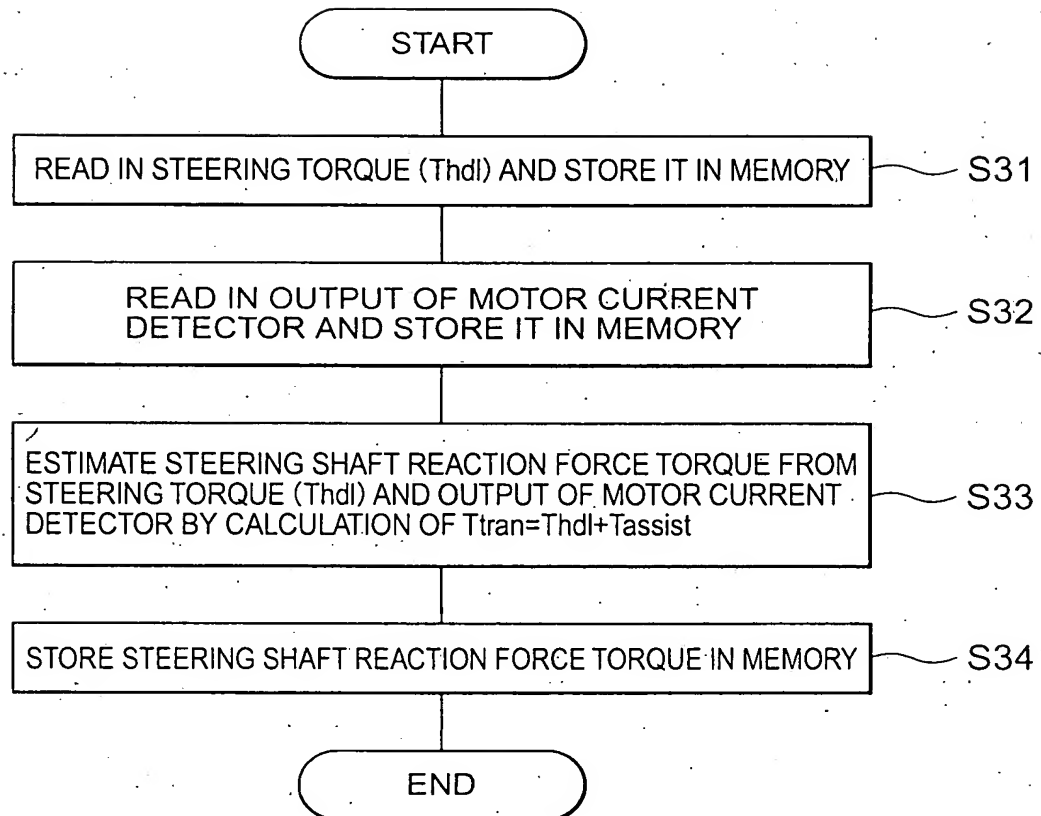


FIG. 20

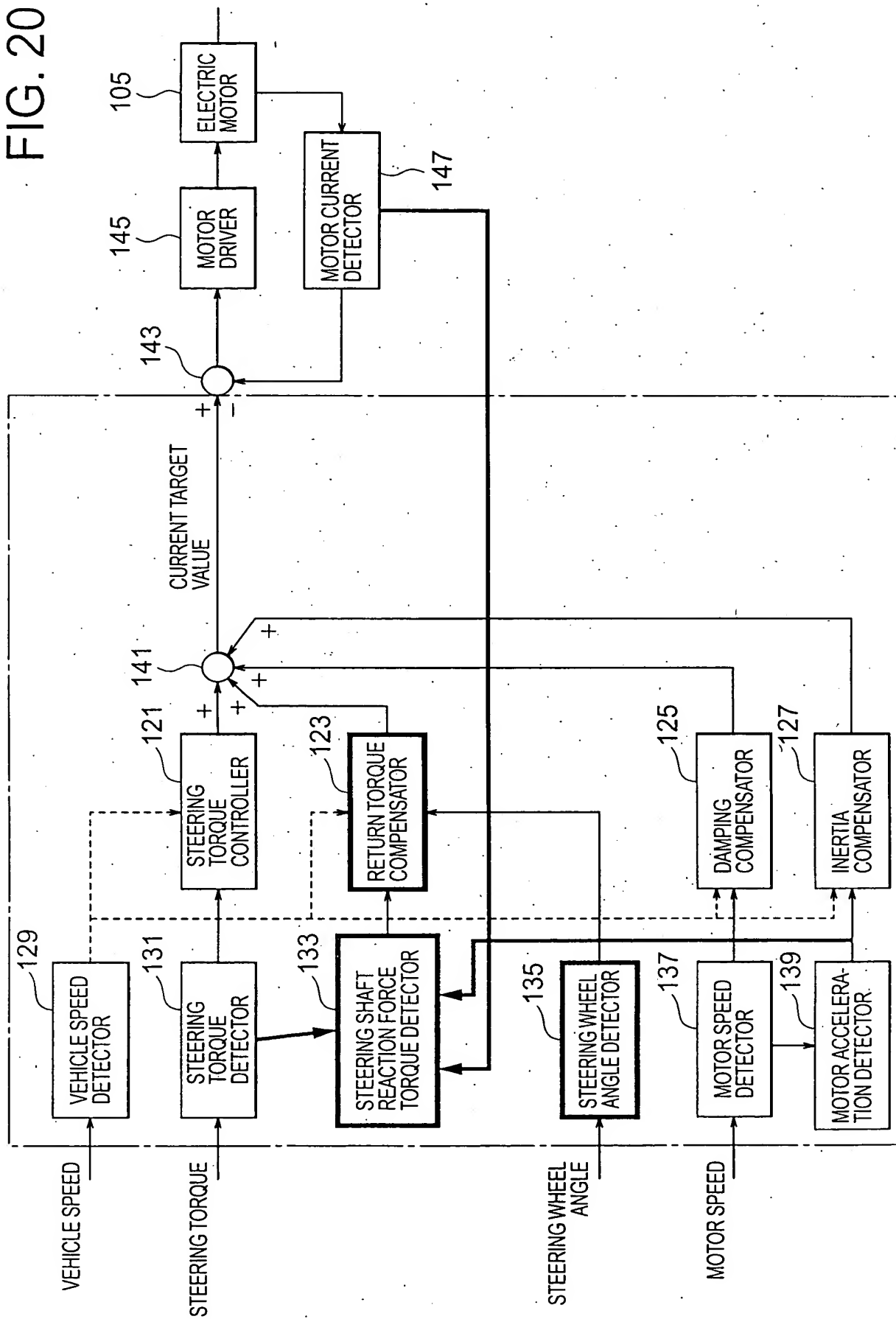


FIG. 21

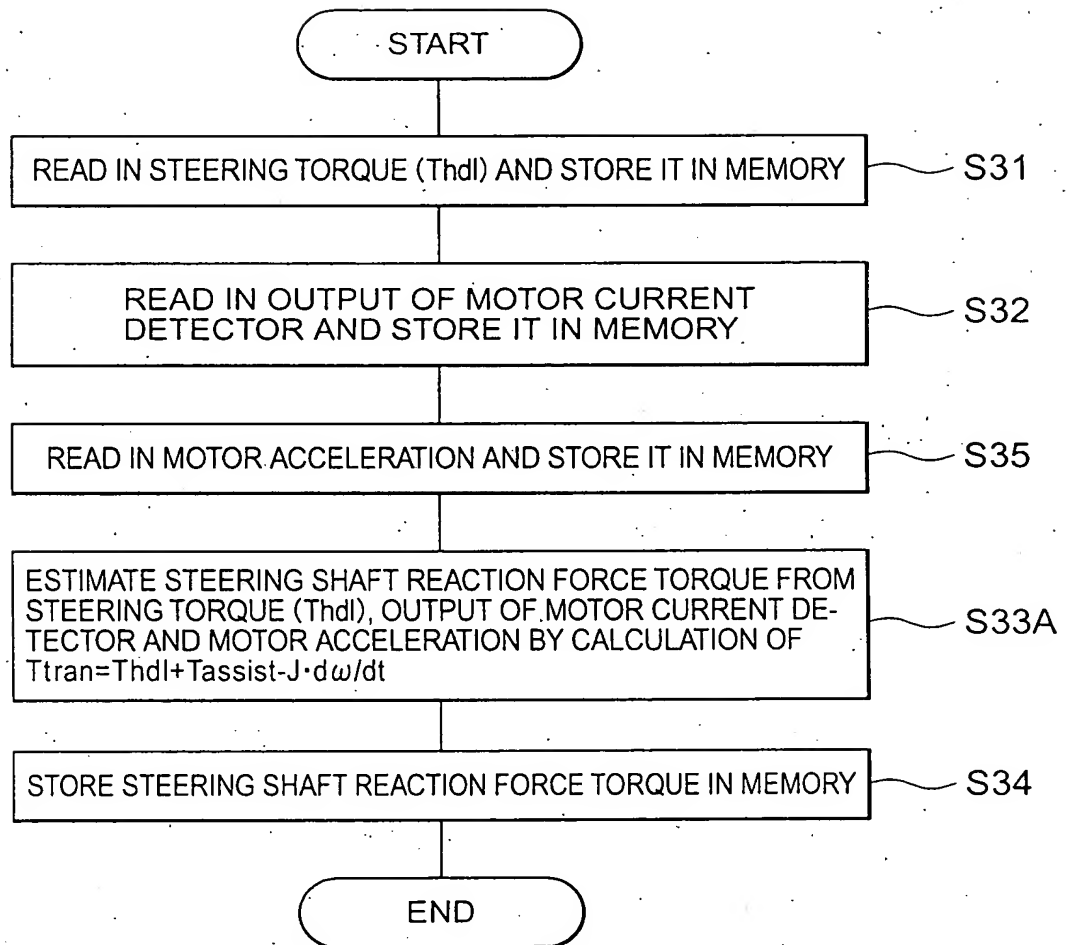


FIG. 22

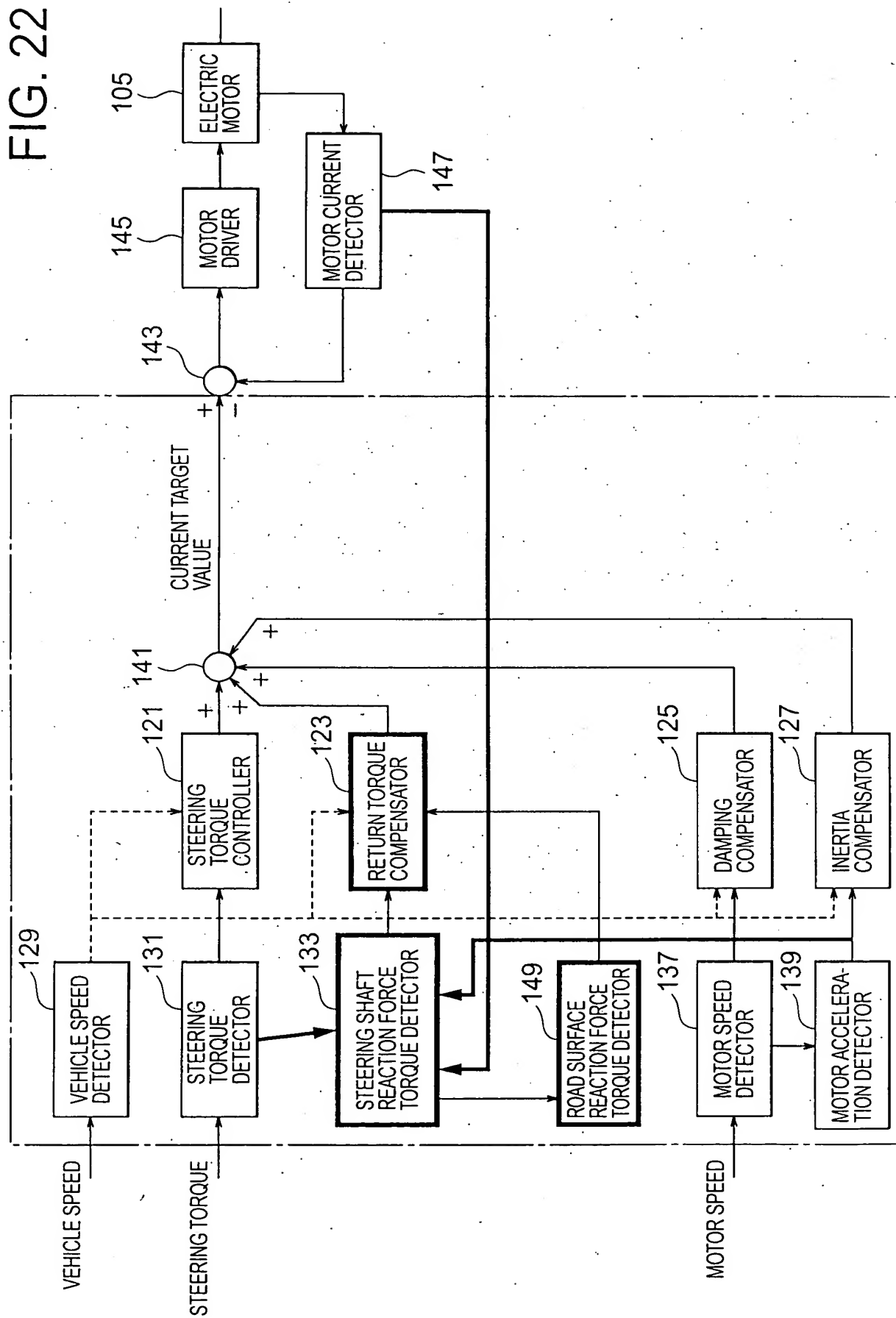


FIG. 23

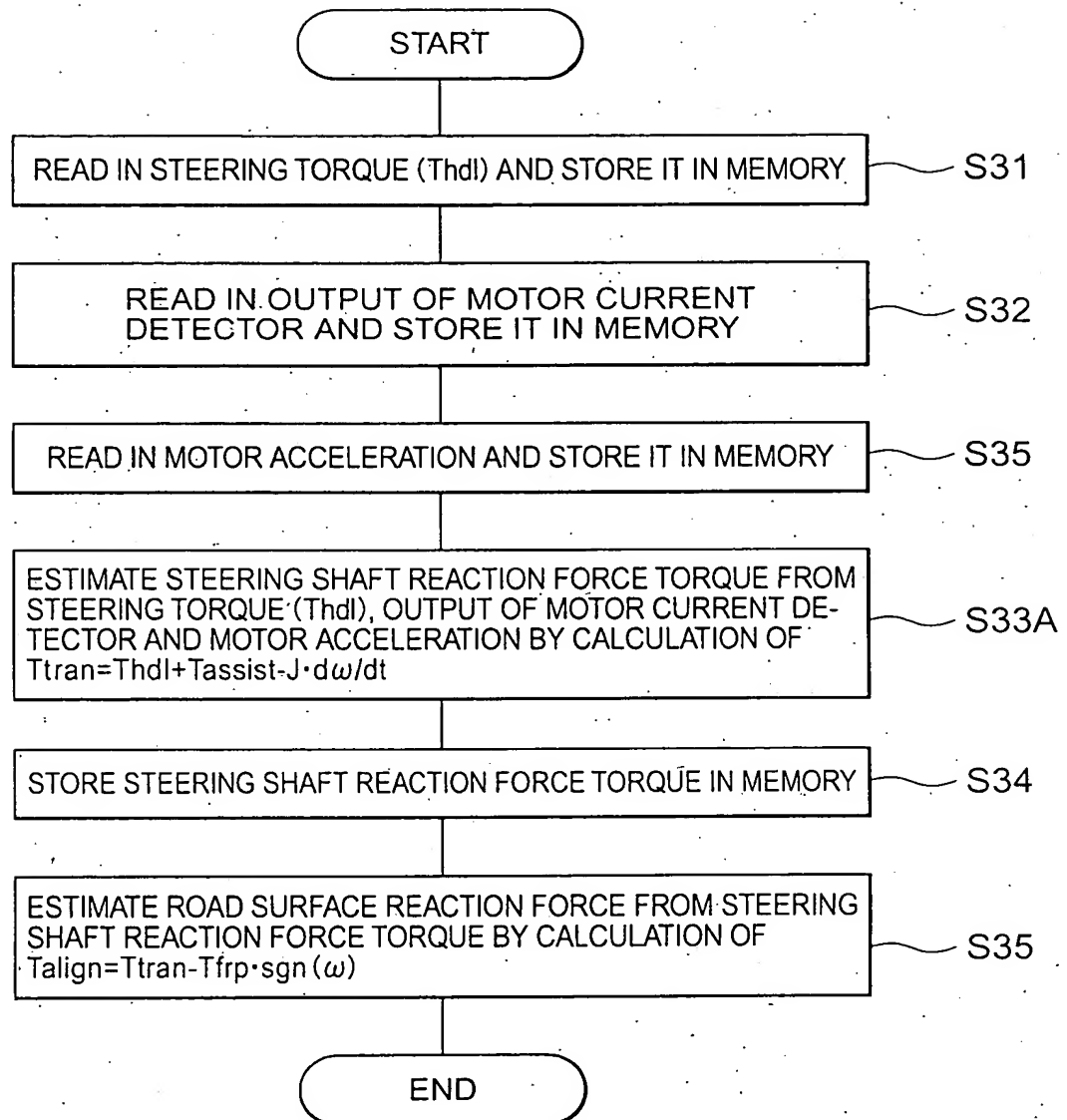


FIG. 24

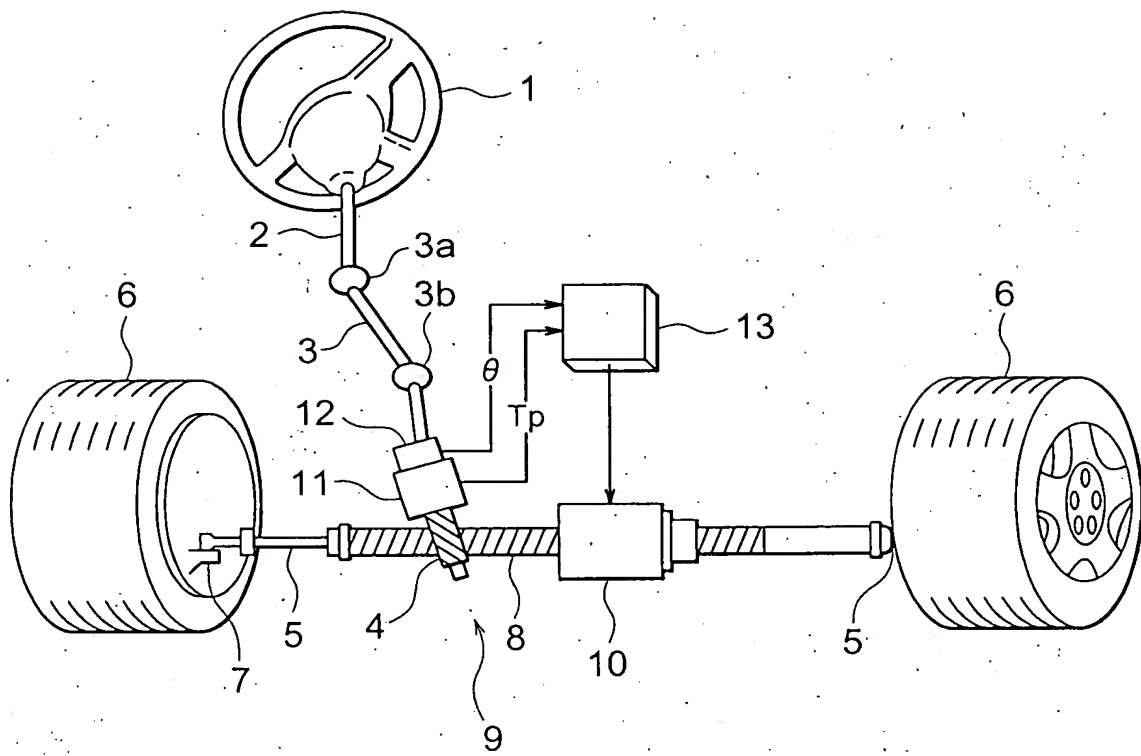


FIG. 25

